

Dipkumar Patel

ICT Undergraduate

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immortal3.github.io

Work experience

Machine Learning Intern

Jan 2019 - Current

Embedded Analytics LLP

- Working on Final Semester Project - Near Duplicate video search in a massive database of videos
- Implementation using Python, OpenCV, Flask, and Postgresql(cube extension)

Computer Vision Intern

May 2018 - June 2018

Fusion Infomatics

- Created Artificial Intelligence driven CCTV surveillance software for classification and localization of human with a weapon(knife and pistol), fire, and smoke.
- Implemented using Python, Tensorflow, and OpenCV.

Publication

- MMPL (Medicine Multi-Participant Ledger): A blockchain based solution to tackle the problem of illegal use and manufacturing of medicine, at [International Workshop on Blockchain Technologies \(IWB T 2018\)](#), NIT Warangal

Education

B.Tech. (Information and Communication Technology)

2015 - 2019

[School of Engineering and applied science, Ahmedabad University](#)

CGPA (till 7th Sem) 3.63 / 4.33

Projects

- [Image Saliency Detection](#)
- [Autoencoder Based Communication System](#)
- [Binary Gender Classification from Facial Image using Machine learning and Deep Learning \(Client-Side Live implementation using Tensorflow.js \)](#)
- [Hidden-Eye \(Steganography and Steganalysis\)](#)

Full Description of Projects is available [here](https://www.visualcv.com/dipkumar-patel/)

Honors & Achievement

- Winner of Ingenious Hackathon 2017

Certifications

- Deep Learning Specialization - [deeplearning.ai Coursera](#) (all 5 courses)
- Summer School 2017 on "Learning in Data Science: Model, Algorithms and Tools"

Skills

- **Programming Languages** : Python, C/C++, JavaScript, Java
- **Libraries** : Tensorflow, Pytorch, Opencv, Keras
- **Software** : git, MATLAB, Xilinx ISE
- **Platform** : Linux, Window

Elective Courses

- Machine Learning, Computer Vision
- Introduction to Blockchain, Cloud Computing
- Information System Security